WHAT IS CLAIMED IS:

- A phosphor comprising Ba, Gd, Y, B, O, and at least one selected from the group consisting of Ce, and Tb.
- A phosphor according to claim 1, wherein the at least one selected from the group consisting of Ce, and Tb is used as an activator.
- 3. The phosphor according to claim 1, expressed by a composition formula of:

BaGd1-a-bYaLnbB9O16

where:

In represents at least one selected from the group consisting of Ce, and Tb; and

a and b satisfy $0.05 \le a \le 1$ and $0.003 \le b \le 0.5$, respectively.

4. A vacuum ultra-violet radiation excited light emitting element comprising a phosphor which comprises Ba, Gd, Y, B, O, and at least one selected from the group consisting of Ce, and Tb.